Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 09 Jun 2023 until 23:59 on Saturday 10 Jun 2023

Forecast Issued on Thursday 08 Jun 2023 at 16:53

Confidence: High for early fine and increasingly very warm or hot conditions towards the weekend. Also for a risk of more changeable weather with showers from Saturday onwards. Moderate for exact timing of cloud clearance each morning. Low confidence in the timing and distribution of showers from this weekend.

Headline for Friday 09 Jun 2023: Morning low cloud clearing to a mostly fine and warm day. Breezy.

Mountain weather hazards on Friday 09 Jun 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Fog	Fog	Sunny intervals	Sunny	Sunny	Sunny	Clear night
Precipitation probability							
<05%	10%	10%	<05%	00%	00%	00%	00%

Forecast for Friday 09 Jun 2023

Weather: Mostly clear in the west, but extensive low cloud affecting eastern hills to start the day. The cloud lifting and clearing by late morning to leave a dry day with prolonged warm, hazy sunshine. Fine and mostly clear during the evening. Breezy on summits and ridges.

Chance of cloud-free hill tops above 600m: 20% in the east at first, 70% elsewhere, becoming 100% for all by late morning. Becoming 60% in the east after dark.

Low cloud and visibility: Widespread low cloud at first in the east of the park, with bases 400-500m. Cloud much more patchy further west, with some hills completely clear. Cloud lifting and breaking from mid-late morning. Rather dull and misty in the east early morning, otherwise visibility generally very good. Occasional broken cloud with bases 400-500m affecting some eastern slopes late evening.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Friday 09 Jun 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	22/29 E	20/27 E	20/28 E	21/29 E	21/29 E	21/29 E	20/29 E	19/28 E	18/25 E
300	15/26 NE	14/23 NE	15/25 NE	17/26 NE	18/28 E	18/28 E	17/27 E	15/24 NE	13/21 NE
Valley	17/33 E	15/31 E	16/32 E	17/30 E	18/31 E	17/31 E	17/32 E	16/34 E	15/31 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/1	6/1	6/1	8/4	12/8	14/10	12/8	8/4	7/3
300	8/4	8/4	9/5	12/9	16/12	17/14	15/12	11/8	9/6
Valley	9/5	8/5	10/6	13/10	17/13	19/15	16/13	12/9	10/8
Freezing Level*	2700m	2600m	2500m	2600m	2600m	2600m	2600m	2600m	2600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

High UV levels once again mean that sun protection is essential. Plenty of water is advised. Take care on ridges and summits especially, with some gusty winds at times. Winds may be up to 5-10mph higher than indicated in table with gusts during the day.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 08 Jun 2023	0mm	0mm	0mm

Forecast for Saturday 10 Jun 2023

Weather: A similar start to Friday morning with overnight low cloud, mainly in the east lifting and breaking during the morning to mostly sunny skies. Becoming very warm or hot and humid. High temperatures may trigger an isolated late afternoon or evening shower or thunderstorm. This is most likely in the west and could be heavy, perhaps locally torrential. Rain may be accompanied by gusty winds.

Maximum wind: Easterly 15-20mph, with gusts 25-30mph, perhaps increasing 35mph in or near any heavy showers/thunderstorms.

Chance of cloud-free hill tops above 600m: 60% in the east at first, 80% elsewhere, becoming 95% for all by late morning.

Low cloud and visibility: Widespread low cloud at first, mainly in the east of the park, with bases 300-400m, tops 500-600m, meaning the highest slopes may just lie above the cloud layer. Cloud lifting and breaking by mid-late morning, perhaps briefly obscuring higher slopes. Visibility outside of cloud generally good, though slightly hazy throughout. Locally poor or very poor in any heavy showers or thunderstorms with some temporary ragged cloud perhaps developing above forested areas.

Temperature: **Valleys:** Plus 10 Celsius rising to Plus 26 Celsius
At 600m: Plus 16 Celsius rising to Plus 21 Celsius
Freezing level: Above summits

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